

## PATENT ABSTRACTS OF JAPAN

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(71)Applicant : EISAI CO LTD

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(72)Inventor : TSUSHIMA ISAYOSHI  
KASHINO MASANORI  
TATEISHI KIMIO

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### (54) COMPOSITION CONTAINING FAT-SOLUBLE DRUG

#### (57)Abstract:

PURPOSE: To prepare a composition containing a fat-soluble drug, having excellent dispersibility in water, and free from the undesirable effect to the sealing surface when filled in a capsule, by compounding a fat-soluble drug with specific amounts of two kinds of polyglycerol fatty acid esters having different HLB values at a specific ratio.

CONSTITUTION: A polyglycerol fatty acid ester having an HLB of  $\geq 11.5$  is mixed with a polyglycerol fatty acid ester having an HLB of  $\leq 1.5$  at a weight ratio (the former/the latter) of 2/3W19. 30W3,000pts.wt. of the mixture is compounded with 100pts. of a fat-soluble drug such as fat-soluble vitamins (vitamin A, D, E, K or their derivatives), isoprenoid drug having isoprene chain in the molecule, or ubidecarenone, etc. A composition containing a fat-soluble drug and suitable especially for filling in a capsule can be prepared by this process.

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